

Middlesex University Research Repository

An open access repository of

Middlesex University research

<http://eprints.mdx.ac.uk>

Dack, John ORCID logoORCID: <https://orcid.org/0000-0003-0521-4852> (2014) Forschung im inneren des klangs. Neue Zeitschrift für Musik. [Other]

Published version (with publisher's formatting)

This version is available at: <https://eprints.mdx.ac.uk/19866/>

Copyright:

Middlesex University Research Repository makes the University's research available electronically.

Copyright and moral rights to this work are retained by the author and/or other copyright owners unless otherwise stated. The work is supplied on the understanding that any use for commercial gain is strictly forbidden. A copy may be downloaded for personal, non-commercial, research or study without prior permission and without charge.

Works, including theses and research projects, may not be reproduced in any format or medium, or extensive quotations taken from them, or their content changed in any way, without first obtaining permission in writing from the copyright holder(s). They may not be sold or exploited commercially in any format or medium without the prior written permission of the copyright holder(s).

Full bibliographic details must be given when referring to, or quoting from full items including the author's name, the title of the work, publication details where relevant (place, publisher, date), pagination, and for theses or dissertations the awarding institution, the degree type awarded, and the date of the award.

If you believe that any material held in the repository infringes copyright law, please contact the Repository Team at Middlesex University via the following email address:

eprints@mdx.ac.uk

The item will be removed from the repository while any claim is being investigated.

See also repository copyright: re-use policy: <http://eprints.mdx.ac.uk/policies.html#copy>

In his poem 'Horae Canonicae' the English poet W.H.Auden wrote the following lines:

You need not see what someone is doing
to know if it is his vocation,

you only have to watch his eyes:

(...)

You only had to watch the eyes of Joachim Krebs to know his vocation: he was a composer and he was a sound artist. For him these became one vocation. Each informed the other to produce a multi-faceted practice that was more, much more, than any single activity. But in watching an artist's eyes we should also remember that behind a real vocation is a rich and complex personal history.

Cautious is needed in claiming that characteristics of an artist's mature development can be detected in early works. Artistic outputs are seldom so regular or so easily classifiable. In the late 1960s Joachim was a member of the experimental rock/theatre group *Checkpoint Charlie*. Joachim and I were almost the same age and, despite our different backgrounds and different countries, we realized during many conversations that we shared common, adolescent memories. We both knew that many young rock musicians expressed youthful, idealistic enthusiasm rather than real political awareness. Consequently, is the term 'experimental' inappropriate when applied to a rock group when rock music's material can easily revert to a language based on harmonic and rhythmic clichés? The answer is 'no'. For Joachim 'experimental' was indeed an accurate description of *Checkpoint Charlie's* ethos. The 1960s were, of course, times when political reality – particularly in Germany – led to forms of social engagement through all genres of music. The connection was inescapable. Today, the name *Checkpoint Charlie* might be remembered merely as a crossing point between a divided city. For Joachim and others it was surely a symbol that demanded constant reinterpretation in order to remember what the barriers and dreary buildings (which I remember well) represented: the violent collision between two ideologies and the realization that the world did not always present a unified, easily grasped truth. Moreover, two threads from these times continued to run through his subsequent work. First,

Joachim's early experiments with tape recorders confirmed the role of technology as a means of exploring and bringing to the fore the hidden world of sound and nature. Second, a concern for social engagement can be identified which, for Joachim, also led to a highly developed sense of ecological awareness. These aspects of his work merit closer examination.

The use of the synthesizer in the 1970s maintained Joachim's involvement with technology. All musicians who used synthesizers during this period will remember the gradual, and frequently uneasy, change from analogue to digital technology. Joachim rejected the standardization that went hand in hand with commercial developments in synthesizer design and manufacture. He turned instead to the particular functions of the digital sampler in order to discover as yet unheard worlds of sound. This kind of exploration can be compared with another pioneer's work. During the 1940s and 1950s the Frenchman Pierre Schaeffer also used technology that was often intended for other purposes within the broadcasting medium. Used in this subversive manner Schaeffer asserted that 'There is a creative power of the machine (...) machines suddenly are not content to retransmit what was given to them they have begun - as if of their own accord - to make something'. Technology becomes active. Devices such as the tape recorder could go beyond their immediate function of recording and playback to reveal aspects of sound unnoticed under normal conditions. In Schaeffer's case the process of sampling was achieved by the shellac disc, the phonogène and magnetic tape. Joachim understood that samplers can record and reproduce sounds but they can also transform them by reversal, acceleration, deceleration, fragmentation and combination. He considered the sampler as a **Klang-Molekularisierungsmaschine** and, drawing on the writings of the philosopher Gilles Deleuze, he investigated the way sound as a material substance is held together. The sampler thus became an instrument for what might be considered a method of forensic sonic investigation. It became what Joachim referred to as an **EndoSonoSkopec. Mikroskopie** is a common scientific term but the distinction between the microscope and endoscope is important. By contrast with the microscope which examines the objects from the outside, Joachim's intention was to delve into the inner world of the sound. To hear its *inner* life. By accelerating and decelerating sonic events and processes that were previously inaudible, the microworld of sounds surrendered unheard phenomena and provided an insight into the

previously inaudible world of nature. To quote a paraphrase of Paul Klee from the text accompanying the CD 'TopoPhonic Spheres': '(Klang-) Kunst gibt nicht das Sichtbare (Hörbare) wieder, sondern macht sichtbar (hörbar).'

The series of four 'Artificial Soundscapes' illustrates both the use of the techniques derived from the sampler to 'make the inaudible, audible' and Joachim's aforementioned ecological sensitivity. All the sounds originate from natural sources; the artificiality results from the techniques of digital processing which allows the inner character of sounds to emerge for the listener. The natural/artificial dualism thus created, forms a field of possibilities within which Joachim could create sound 'molecules' which were transformed and combined in dense or transparent polyphonic webs. The sounds retained their origins not because they could be identified – the transformations and repetitions often prevented such exact recognition – but because the characteristics of the sounds from insects or water retained their organic beauty. The form of the work is not imposed from 'outside'. It results from the consistency with which the sounds are literally *composed* and a tripartite relationship between art-nature-man mediated by technology is made explicit. Are the 'Artificial Soundscapes' electroacoustic compositions properly speaking? They can certainly be considered as such. Nevertheless, Joachim's intention was to establish a type of acoustic art that is located between traditional categories.

It is impossible to provide a comprehensive discussion of Joachim's wide-ranging interests. Later developments such as the '**ProsaPhon**' Klanginstallation at the '**Poesie als Kunstklang**' exhibition in Berlin reveal another facet of his skill in fragmenting and re-configuring sounds. Poetry need not – should not – remain as text on the page. The acoustic nature of the spoken word evokes precisely the sonic qualities evident in Joachim's work. We hear the fleeting qualities of sound that resist being fixed by the recording process, the subtle changes of timbre and intonation as well as rhythmic inflections and the interplay between the concrete and abstract. '**ProsaPhon**' was a joint work and, of course, no discussion of Joachim Krebs' work can be complete without reference to his artistic partner Sabine Schäfer. Though each artist produced individual works (see: <http://www.sajo-art.de>) their collaborations resulted in sound works of profound beauty. Joachim created his 'Artificial Soundscapes', Sabine produced her **Raumklangkunst-Projekt 'Topophonien'**. Joint projects

reveal their common interest in natural sound and noise events. For example, 'AquaAngelusVox' from 1997 is a **RaumklangKomposition** where sounds from water, bird and female voices are collected and transformed to be re-presented as sonic material by means of the **EndoSonoSkopie** techniques. Another more recent project is that of the audio-visual installation 'SolarSonical Insects' exhibited at the 'Sound Art. Klang als Medium der Kunst' exhibition at ZKM, Karlsruhe in 2012/13. In this work 7200 images of the sun from the 'Solar Dynamic Observatory' are compiled into a video of 10 minutes 30 seconds. These accelerated images are transformed into a stunning, slowly evolving, disc. This is accompanied by recordings of insects such as cicadas and crickets. By contrast with the accelerated images the recordings are slowed down. Both processes allow the viewer to access both the micro- and macro-dimensions of nature. Neither dimension could be experienced without such a breathtaking artwork. Moreover, their typology of sound installations will be of lasting benefit to artists and students. I am certain that Joachim's presence will be evident in Sabine's future works. His journey went from tape collages to the Bonn 'Beethoven Prize', from **KlangMikroskopie** to poetry as a sound art. It is with great sadness that I am only now gradually realizing I can travel no further with him.

Another English poet, the Romantic Percy Bysshe Shelley wrote in his 'In Defence of Poetry' that poetry 'lifts the veil from the hidden beauty of the world'. Joachim Krebs' work enables us to hear the world's hidden beauty and that, surely will be his lasting legacy.

John Dack, London